

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"10509899"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 13:20
S2	11876	"package substrate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:09
S3	3732	S2 and ("dielectric" "inter-layer dielectric" "insulat \$3" "isolation" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:10
S4	608	S3 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:18
S5	546	S4 and (chip die)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:21
S6	169	S5 and @ad< "20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:22
S7	85	("4183041"   "4710798"   "4751482"   "5090609"   "5381039").PN. OR ("5523622").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 14:38
S8	85065	hitachi	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 14:58
S9	5537	S8 and (package and substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:58
S10	2780	S9 and ("dielectric" "inter-layer dielectric" "insulat \$3" "isolation" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:59
S11	1306	S10 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 14:59
S12	1032	S11 and (chip die)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:00
S13	344	S12 and @ad< "20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:00
S14	3642	(257/621,774).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/10 15:22

S15	3209	S14 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:23
S16	1976	S15 and ("dielectric" "inter-layer dielectric" "insulat\$3" "isolation" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:23
S17	202	S16 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:23
S18	140	S17 and (chip die)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:23
S19	68	S18 and @ad< "20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:23
S20	8056	(257/686,777,E25.006, E25.013,E25.018,E25.021, E25.027,E23.085, E21.614).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/10 15:35
S21	6224	S20 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:35
S22	2348	S21 and ("dielectric" "inter-layer dielectric" "insulat\$3" "isolation" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:36
S23	448	S22 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:36
S24	140	S18 and (chip die)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:36
S25	68	S24 and @ad< "20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:36
S26	2	"11513249"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:41
S27	1892	(257/698).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/10 15:54
S28	1385	S27 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:54
S29	572	S28 and ("dielectric" "inter-layer dielectric" "insulat\$3" "isolation" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:55
S30	74	S29 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:55

S31	70	S30 and (chip die)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:55
S32	32	S31 and @ad< "20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 15:55
S33	2	"20020159243"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:04
S34	2	"20020033378"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:05
S35	18486	"NGK spark"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:08
S36	18477	"NGK spark plug"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:08
S37	3480	S36 and (substrate pcb "printed circuit board" pwb "printed wiring board")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:09
S38	632	S37 and ("dielectric" "inter-layer dielectric" "insulat\$3" "isolation" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:10
S39	15	S38 and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:10
S40	69	S38 and (optical optic light)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:11
S41	49	S40 and @ad< "20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:11
S42	17	("0002002"   "0002003"   "0002004"   "20050185880"   "0000005"   "5105237"   "5623178"   "0555633"   "6343171"   "6661939"   "6788874").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/10 16:39
S43	2	"20070194357"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/11 07:28
S44	2	S43 and ("conductive film" aperture "incident light" photodiode "semiconductor layer")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/11 07:30

S45	57	"5200631"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/11 13:42
S46	2	("5952712").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/11 13:44
S47	2	("6836020").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/11 13:45
S48	3	("6603198").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/11 13:46
S49	2	("5994771").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/11 13:46
S50	11	("4640010"   "5041943"   "5306670"   "5521332"   "5828126").PN. OR ("5994771").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 13:47
S51	18	("4617730"   "5615477"   "5854534"   "5883335"   "5994771"   "6051867"   "6107109"   "6114019"   "6229209"   "6239495"). PN. OR ("6392301"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 13:48
S52	31	("20010008313"   "20010052829"   "20020003049"   "3612744"   "3634782"   "3700825"   "4524239"   "4560962"   "4644092"   "4855537"   "4859806"   "5300899"   "5334800"   "5360949"   "5410107"   "5479138"   "5519176"   "5562498"   "5637834"   "5675299"   "5682124"   "5942849"   "6045927"   "6081035"   "6184477"   "6225687"   "6236302"   "6255600"   "6303871"   "6392301"   "6559377"). PN. OR ("7243423"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 13:57
S53	8	("6045927").PN. OR ("6225687").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 13:58

S54	18	("4617730"   "5615477"   "5854534"   "5883335"   "5994771"   "6051867"   "6107109"   "6114019"   "6229209"   "6239495"). PN. OR ("6392301"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:03
S55	10	("6272020"   "6326561"   "6329610"   "6370013"   "6373000"   "6392301"   "6426470"   "6480395"   "6495770"   "6506982"). PN. OR ("7102085"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:03
S56	8	("6619476"   "5870351"   "5894452"   "6430109"   "6674126").PN. OR ("6836020").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:10
S57	57	("3968564"   "4452508"   "4734384"   "4744623"   "4920070"   "4970578"   "5039189"   "5128831"   "5200631"   "5221633"   "5312765"   "5352998"   "5362976"   "5409563"   "5416872"   "5431775"   "5483614"   "5489554"   "5532506"   "5587119"   "5604835"   "5618752"   "5641545"   "5652811"   "5656548"   "5682062"   "5729038"   "5739067"   "5742100"   "5760478"   "5767001"   "5796714"   "5798297"   "5834849"   "5844289"   "5848214"   "5858814"   "5858877"   "5897333"   "5900674"   "5901050"   "5902118"   "5903045"   "5915167"   "5952665"   "5963088"   "6087899"   "6090636"   "6122187"   "6143616"   "6150188"   "6181864"   "6187677"   "6198168"   "6281042"   "6777715"   "6995441").PN. OR ("7164156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:16

S58	65	("3748548"   "4396437"   "4450464"   "4547792"   "4782023"   "4902637"   "4972248"   "4978639"   "5039628"   "5077231"   "5084742").PN. OR ("5312765").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:18
S59	65	("3429040"   "4070516"   "4169001"   "4573067"   "4626878"   "4699449"   "4729618"   "4758063"   "4871224"   "4966430"   "5049982").PN. OR ("5200631").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:26
S60	48	("4530152"   "4663652"   "4691225"   "4760440"   "4801998"   "4864470"   "5118370"   "5200631"   "5241133"   "5331512"   "5336931"   "5352852"   "5357056"   "5371404"   "5436203"   "5438216"   "5478007"   "5495450"   "5577319"   "5639989"   "5654243"   "5656857"   "5753857"   "5776798"   "5784260"   "5786589"   "5808330"   "5861680"   "5866953"   "5867368"   "5893723"   "5895222"   "5939784"   "5949655"   "5950074"   "5962810"   "5969461"   "5972738"   "5981314"   "5989941"   "6034429"   "6092281"   "6117705").PN. OR ("6448635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 14:33
S61	16	("0002002"   "0002003"   "0002004"   "20050185880"   "0000005"   "5105237"   "5623178"   "0555633"   "6343171"   "6661939"   "6788874").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 15:21
S62	10	2001-185752	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 15:34
S63	0	"2001185752"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 15:35
S64	10	"2001-185752"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 15:35
S65	26	"5297234"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 15:35

S66	1	"7248421"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 15:36
S67	58671	("through wafer" "through substrate")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 07:18
S68	3449	S67 and "optical path"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 07:18
S69	30	S68 and ("optical path" near5 resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 07:19
S70	7	S69 and @ad<"20020301"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 07:19
S71	33	("3560257"   "4499655"   "4733291"   "4991090"   "5065228"   "5198695"   "5229647"   "5325265"   "5386142"   "5399898"   "5404044"   "5406125"   "5530288"   "5552633"   "5825080").PN. OR ("5952712").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 08:34
S72	64	("3968564"   "4920070"   "4970578"   "5128831"   "5221633"   "5352998"   "5362796"   "5409563"   "5489554"   "5532506"   "5604835"   "5641545"   "5656548"   "5682062"   "5729038"   "5742100"   "5744379"   "5760478"   "5767001"   "5798297"   "5834849"   "5844289"   "5858814"   "5897333"   "5900674"   "5901050"   "5902118"   "5903045"   "5915167"   "5952665"   "5952712").PN. OR ("6090636").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 08:38

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